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Approved
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FD

Illuminating and Imaging Section

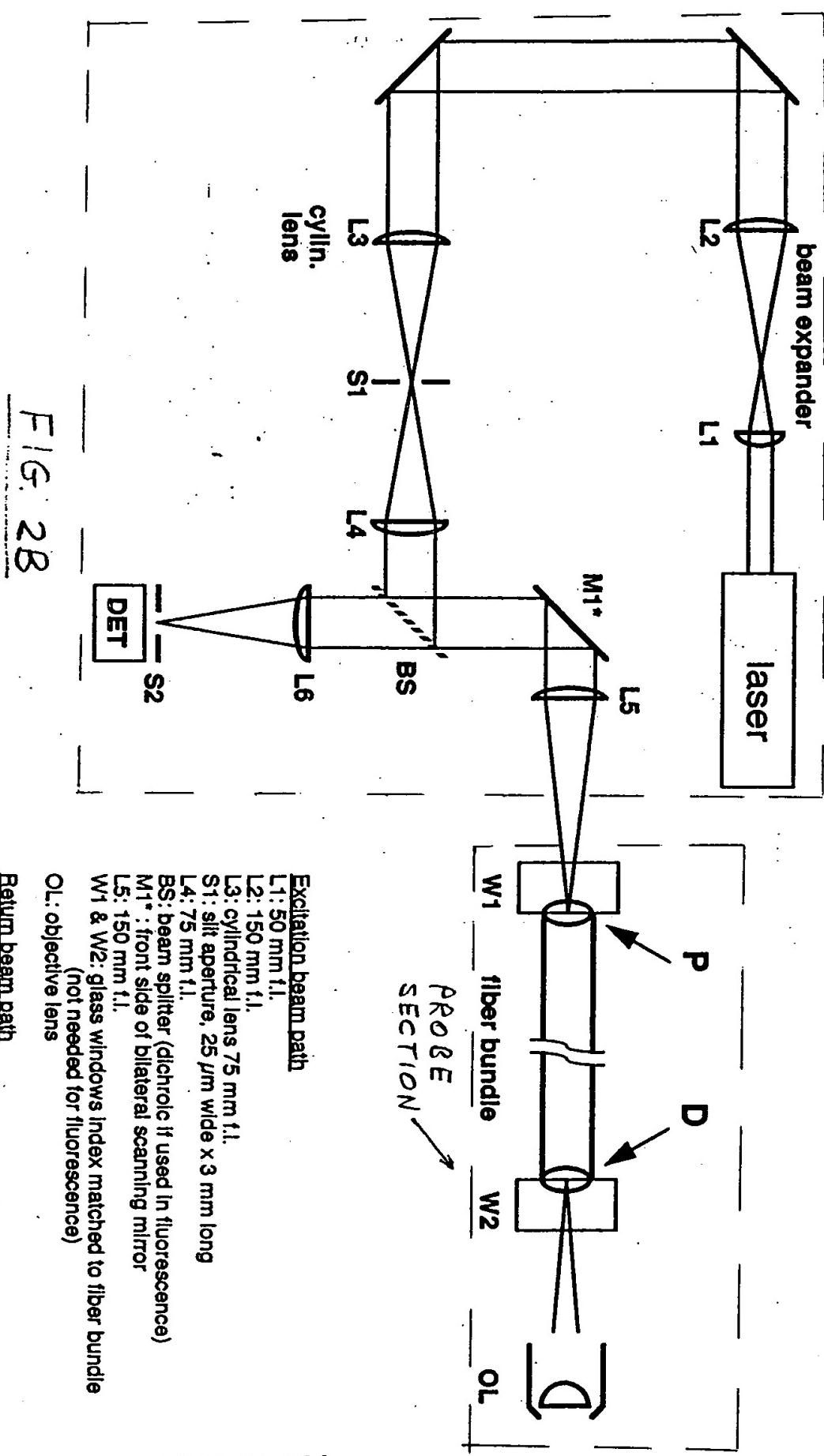
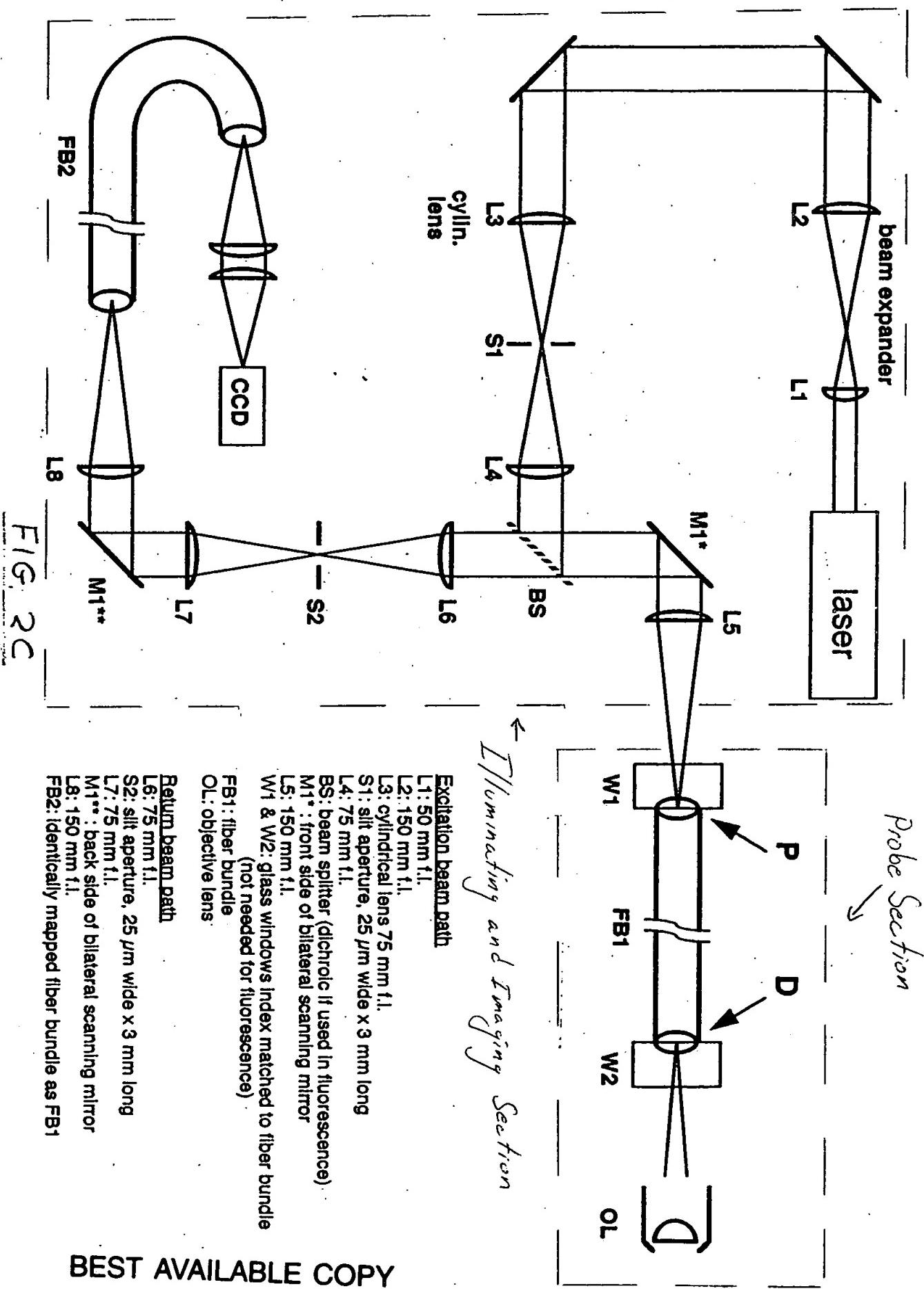


FIG. 2B

- Excitation beam path
- L₁: 50 mm f.t.
L₂: 150 mm f.t.
L₃: cylindrical lens 75 mm f.t.
S₁: slit aperture, 25 μm wide x 3 mm long
L₄: 75 mm f.t.
BS: beam splitter (dichroic if used in fluorescence)
M₁* : front side of bilateral scanning mirror
L₅: 150 mm f.t.
W₁ & W₂: glass windows index matched to fiber bundle
(not needed for fluorescence)
OL: objective lens
- Return beam path
- L₆: 75 mm f.t.
S₂: slit aperture, 25 μm wide x 3 mm long
DET: linear detector array or line scan camera

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